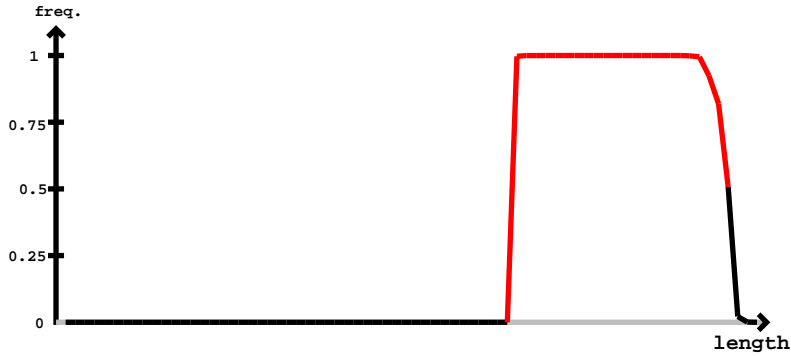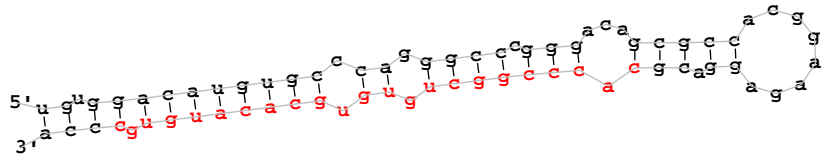miRBase precursor : hsa-mir-941-1
Total read count : 14188
hsa-miR-941 read count : 14188
remaining reads : 0

hsa-miR-941

```
5'- uguggacaugugcccagggcccgggacagcgccacggaagaggacgcacccggcugugugcacaugugccca  -3'    exp
    ((.((((((((((((.((.(((((.(((...(((((.........)).))).))))))))).)).)))))))))).))))    reads    mm    sample
    ...............................................cacccggcugugAgcacaug......    1     1     Z2_
    ...............................................cacccggcCgugugcacaug......    1     1     Z2_
    ...............................................cacccggcugugugcacaug......    40    0     Z2_
    ...............................................cacccggcugugAgcacaugu.....    1     1     Z2_
    ...............................................cacccggcugugugUacaugu.....    2     1     Z2_
    ...............................................cacccggcugugugcacaugG.....    1     1     Z2_
    ...............................................cacccggcugugugcacGugu.....    1     1     Z2_
    ...............................................Gacccggcugugugcacaugu.....    2     1     Z2_
    ...............................................cacccgAcugugugcacaugu.....    1     1     Z2_
    ...............................................cacccggcugugugcacaugu.....    80    0     Z2_
    ...............................................cacccggcugugugcacaugC.....    7     1     Z2_
    ...............................................cacccggcugCgugcacaugug....    2     1     Z2_
    ...............................................cacccggcugugugcacauguU....    3     1     Z2_
    ...............................................cacccggUugugugcacaugug....    1     1     Z2_
    ...............................................cacccggcugugugcacaugAg....    2     1     Z2_
    ...............................................cacccAgcugugugcacaugug....    1     1     Z2_
    ...............................................cacccggcugugugcCcaugug....    1     1     Z2_
    ...............................................cacccggcuguguAcacaugug....    1     1     Z2_
    ...............................................cacccggcugugugcacCugug....    1     1     Z2_
    ...............................................cacccggcugugGgcacaugug....    1     1     Z2_
    ...............................................cacccUgcugugugcacaugug....    1     1     Z2_
    ...............................................cacccggcugugugUacaugug....    1     1     Z2_
    ...............................................cacccggcugugugDacaugug....    11    1     Z2_
    ...............................................cacccggcugugugcacauguA....    14    1     Z2_
    ...............................................cacccggAugugugcacaugug....    1     1     Z2_
    ...............................................cGcccggcugugugcacaugug....    1     1     Z2_
    ...............................................cacccggcugugCgcacaugug....    1     1     Z2_
    ...............................................caccUggcugugugcacaugug....    1     1     Z2_
    ...............................................cUcccggcugugugcacaugug....    1     1     Z2_
    ...............................................Uacccggcugugugcacaugug....    1     1     Z2_
    ...............................................cacccggcugugugcacaugug....    277   0     Z2_
    ...............................................cacccggcCgugugcacaugug....    1     1     Z2_
    ...............................................cacccggcugugugcacaugCg....    1     1     Z2_
    ...............................................cacccggcuAugugcacaugug....    1     1     Z2_
    ...............................................cacccggcugugugcacaugCgc...    1     1     Z2_
```

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uguggacaugugcccagggcccgggacagcgccacggaagaggacgcaccccggcugugugcacaugugccca

```
.............................................cacUcggcugugugcacaugugc...      1     1     Z2_
.............................................cacccggcugAgugcacaugugc...      3     1     Z2_
.............................................cacccggcugugugcacaugugA...     46     1     Z2_
.............................................cacAcggcugugugcacaugugc...      1     1     Z2_
.............................................cacccggcugugugcacaugAgc...      2     1     Z2_
.............................................cacccggcCgugugcacaugugc...      2     1     Z2_
.............................................cacccggcugCgugcacaugugc...      2     1     Z2_
.............................................cacccggcuguguAcacaugugc...      1     1     Z2_
.............................................cacccgAcugugugcacaugugc...      3     1     Z2_
.............................................cacccggcugugugcacaugugG...      1     1     Z2_
.............................................Uacccggcugugugcacaugugc...      3     1     Z2_
.............................................cacccggcuguguCcacaugugc...      1     1     Z2_
.............................................cacccggcgugAgcacaugugc...       1     1     Z2_
.............................................cacccAgcugugugcacaugugc...      1     1     Z2_
.............................................cacccggcugugugcacauguAc...      1     1     Z2_
.............................................cacccggcugugugGacaugugc...     14     1     Z2_
.............................................cacccggcugugugcacaugugc...    324     0     Z2_
.............................................cacccggcugugugcacauguUc...      1     1     Z2_
.............................................cacccggcugGgugcacaugugc...      1     1     Z2_
.............................................cacccggcugugugcacaugugU...    153     1     Z2_
.............................................cacccggcugugugcGcaugugc...      3     1     Z2_
.............................................cacccggcugugugcacGugugc...      3     1     Z2_
.............................................cacccggcugugugcacaugugcc..      3     0     Z2_
.............................................cacccggcugugugcacaugugAc..      4     1     Z2_
.............................................cacccggcugugugcacaugugcU..     17     1     Z2_
.............................................cacccggcugugugcacaugugcG..      2     1     Z2_
.............................................cacccggcugugugcacaugugcAc.     1     1     Z2_
.............................................acccggcugugugcacaug......      1     0     Z2_

.............................................gcacccggcugugugGacaugug....     1     1     Z1_
.............................................cacccggcugugugcaca........     5     0     Z1_
.............................................caccGggcugugugcaca........     2     1     Z1_
.............................................cacccggcugugugcacau.......     4     0     Z1_
.............................................cacccggcugugugcacaC.......     1     1     Z1_
.............................................cacccggcugugugcacaug......   300     0     Z1_
.............................................cUccggcugugugcacaug......     1     1     Z1_
.............................................cacccggcugugCgcacaug......     1     1     Z1_
.............................................cacccggcCgugugcacaug......     3     1     Z1_
.............................................cacccggcugugugcacauA......    13     1     Z1_
.............................................cacccggcuguAugcacaug......     1     1     Z1_
.............................................cacUcggcugugugcacaug......     1     1     Z1_
.............................................cacccggcugugugcacauU......     3     1     Z1_
.............................................cacccggcugCgugcacaug......     1     1     Z1_
.............................................cacccggcugugAgcacaug......     1     1     Z1_
.............................................Uacccggcugugugcacaug......     3     1     Z1_
.............................................cacccggcugugugcacGug......     1     1     Z1_
.............................................cacccggcugugugGacaug......     1     1     Z1_
.............................................cacccggcuguCugcacaug......     1     1     Z1_
.............................................cacccggcugugugcacaugC.....    44     1     Z1_
.............................................cacccggcuguguCcacaugu.....     1     1     Z1_
.............................................cacccggcugugCgcacaugu.....     3     1     Z1_
.............................................cacccggcugugugcacaugG.....     2     1     Z1_
.............................................Aacccggcugugugcacaugu.....     1     1     Z1_
.............................................cacAcggcugugugcacaugu.....     1     1     Z1_
.............................................cacccggcugugugcacUugu.....     2     1     Z1_
.............................................cacccggcugAgugcacaugu.....     1     1     Z1_
.............................................cacccggcugugGgcacaugu.....     1     1     Z1_
.............................................cacccggcuguguAcacaugu.....     1     1     Z1_
.............................................cacccggcugCgugcacaugu.....     3     1     Z1_
.............................................cacccggcugugugcacaugA.....     7     1     Z1_
.............................................cacccggcugugugcacGugu.....     1     1     Z1_
.............................................cacUcggcugugugcacaugu.....     1     1     Z1_
.............................................cacccggAugugugcacaugu.....     1     1     Z1_
.............................................cacccggcugugugcacaugu.....   405     0     Z1_
.............................................cacccggcCgugugcacaugu.....     4     1     Z1_
.............................................cacccAgcugugugcacaugu.....     1     1     Z1_
.............................................cacccggcugugugcGcaugu.....     2     1     Z1_
.............................................cGcccggcugugugcacaugu.....     4     1     Z1_
uguggacaugugcccagggcccgggacagcgccacggaagaggacgcaUccggcugugugcacaugu....     1     1     Z1_
.............................................cacccggcugugugcUcaugug....     3     1     Z1_
```

uguggacaugugcccagggcccgggacagcgccacggaagaggacgcacccggcugugugcacaugugccca

Sequence	Count	Mis	Tag
....cacAcggcugugugcacaugug....	3	1	Z1_
....cacccggcugugugcacauguU....	6	1	Z1_
....cacccggcugugugcacauguC....	3	1	Z1_
....cacccggcugugugcacaugug....	1221	0	Z1_
....cacccggcugugugcacaGgug....	3	1	Z1_
....cacccggcuAugugcacaugug....	2	1	Z1_
....cacccggcugugCgcacaugug....	10	1	Z1_
....cacccggcugugugcacaugAg....	1	1	Z1_
....cacccggcugugugcacaCgug....	5	1	Z1_
....cacccgAcugugugcacaugug....	1	1	Z1_
....cacccggcugugugGacaugug....	17	1	Z1_
....cacccggcugugugUacaugug....	2	1	Z1_
....caGccggcugugugcacaugug....	1	1	Z1_
....cacccggcCgugugcacaugug....	5	1	Z1_
....cacccggcugugugcacaugGg....	1	1	Z1_
....cacccggcAgugugcacaugug....	2	1	Z1_
....cacccggcugugugcacGugug....	2	1	Z1_
....cacccggcugugugcGcaugug....	4	1	Z1_
....cacccggcuguAugcacaugug....	3	1	Z1_
....cacccggcugugugAacaugug....	1	1	Z1_
....cUccggcugugugcacaugug....	1	1	Z1_
....cacccggcugugugcacauAug....	3	1	Z1_
....cacccggcugugAcacaugug....	3	1	Z1_
....cacccggcugugugcacaugCg....	3	1	Z1_
....cacccggcugugugcacauguA....	50	1	Z1_
....cacccggcugAgugcacaugug....	1	1	Z1_
....Uacccggcugugugcacaugug....	4	1	Z1_
....cacccggcugugugcaUaugug....	1	1	Z1_
....cacccggcugCgugcacaugug....	5	1	Z1_
....cGcccggcugugugcacaugug....	9	1	Z1_
....cacccggcugugugcacUugug....	1	1	Z1_
....caUccggcugugugcacaugug....	1	1	Z1_
....cacUcggcugugugcacaugug....	2	1	Z1_
....cCcccggcugugugcacaugug....	3	1	Z1_
....cacccggcugugugcacCugug....	2	1	Z1_
....caUccggcugugugcacaugugc...	2	1	Z1_
....cacccggcugugugAacaugugc...	4	1	Z1_
....cacccggcugugCgcacaugugc...	6	1	Z1_
....cacccggcugugugcacUugugc...	2	1	Z1_
....cacccggcugugugcacaugCgc...	13	1	Z1_
....cacccgCcugugugcacaugugc...	2	1	Z1_
....cacccggcugugugcacaugugU...	570	1	Z1_
....cacccggcugugugcacauguAc...	2	1	Z1_
....cacccggcugCgugcacaugugc...	10	1	Z1_
....Uacccggcugugugcacaugugc...	7	1	Z1_
....cacccggcugugugcaUaugugc...	2	1	Z1_
....caccAggcugugugcacaugugc...	1	1	Z1_
....cacccggcGgugugcacaugugc...	1	1	Z1_
....cacccggcugugugcacaCgugc...	1	1	Z1_
....caccUggcugugugcacaugugc...	4	1	Z1_
....cacccggcugugugcUcaugugc...	3	1	Z1_
....cacccggcugugugUacaugugc...	2	1	Z1_
....cacccggcugugugcacGugugc...	9	1	Z1_
....cacccggcugugugGacaugugc...	7	1	Z1_
....cacccggcugugugcacaugugc...	1550	0	Z1_
....cacccggcuguCugcacaugugc...	2	1	Z1_
....cacccggcugugGgcacaugugc...	1	1	Z1_
....cacccgAcugugugcacaugugc...	1	1	Z1_
....cacccggcugAgugcacaugugc...	1	1	Z1_
....cCcccggcugugugcacaugugc...	1	1	Z1_
....cacccggcugugugcacaugugA...	216	1	Z1_
....cGcccggcugugugcacaugugc...	6	1	Z1_
....cacUcggcugugugcacaugugc...	4	1	Z1_
....Gacccggcugugugcacaugugc...	1	1	Z1_
....cacccggcugugAcacaugugc...	1	1	Z1_
....cacccggcugugAgcacaugugc...	3	1	Z1_
....cUcccggcugugugcacaugugc...	1	1	Z1_
....cacccggcugugugcacaugugG...	6	1	Z1_
uguggacaugugcccagggcccgggacagcgccacggaagaggacgcacccggcugugugcCcaugugc...	2	1	Z1_
....cacccggcugugugcGcaugugc...	11	1	Z1_

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```
uguggacaugugcccagggcccgggacagcgccacggaagaggacgcaccccggcugugugcacaugugccca
```

Alignment	Count		Sample
....Aacccggcugugugcacaugugc...	4	1	Z1_
....cacccggcugugugcacaugAgc...	2	1	Z1_
....cacccggcugugugcGcaugugcc..	1	1	Z1_
....cacccggcugugugcacaugugcc..	9	0	Z1_
....cacccggcugugugcacaugugcA..	3	1	Z1_
....cacccggcugCgugcacaugugcc..	2	1	Z1_
....cacccggcugugugGacaugugcc..	2	1	Z1_
....cacccggcugugugcacaugugcG..	1	1	Z1_
....cacccggcugugugcacaugugcU..	91	1	Z1_
....cacccggcugugugcacaugugAc..	3	1	Z1_
....cacccggcugugugcacaugugUc..	1	1	Z1_
....cacccggcugugugcacaugccU.	1	1	Z1_
....cacccggcugugugcacaugugcAc.	4	1	Z1_
....acccggcugugugcacaugu.....	1	0	Z1_
....acccggcugugugcacaugug....	3	0	Z1_
....acccggcugugugcacaugugc...	7	0	Z1_
....cacccggcugugugcaca........	8	0	GDM
....cacGcggcugugugcaca........	1	1	GDM
....cacccggcugugugcaca........	8	0	GDM
....cacccggcugugugcaca........	8	0	GDM
....cacccggcugugugcacau.......	44	0	GDM
....cacccggcugugugcacau.......	44	0	GDM
....cacccggcugugugcacau.......	44	0	GDM
....cacccggcugCgugcacaug......	5	1	GDM
....cacccggcugugugcacGug......	3	1	GDM
....Aacccggcugugugcacaug......	2	1	GDM
....cacccggcugugCgcacaug......	5	1	GDM
....cacccggcuguguCcacaug......	4	1	GDM
....cacccggcugugugcacaug......	474	0	GDM
....cacccggcugugugcGcaug......	3	1	GDM
....cacccggcuguguAcacaug......	1	1	GDM
....cacccggcugugCgcacaug......	5	1	GDM
....cacccggcugugugcacGug......	3	1	GDM
....cacccggcugugugcacaug......	474	0	GDM
....cacccggcugugugcacaCg......	3	1	GDM
....cacccggcugugugcacauC......	1	1	GDM
....cacccggcugugugcacaug......	474	0	GDM
....cacccggcugugugcacaGg......	10	1	GDM
....cacccggcuguguCcacaug......	4	1	GDM
....cacccggcugCgugcacaug......	5	1	GDM
....cacccggcugugugcacauA......	24	1	GDM
....caccUggcugugugcacaug......	1	1	GDM
....cacccggcugugugcacaCg......	3	1	GDM
....cacccggcugugugcacauU......	2	1	GDM
....Aacccggcugugugcacaug......	2	1	GDM
....caccAggcugugugcacaug......	2	1	GDM
....caUccggcugugugcacaug......	1	1	GDM
....cacccggcugugugcacauA......	24	1	GDM
....cacccggcugugugcaUaug......	2	1	GDM
....Uacccggcugugugcacaug......	1	1	GDM
....cacccggcugugCgcacaug......	5	1	GDM
....cacccggcugugugcaUaug......	2	1	GDM
....cacccggcugugGacaug......	4	1	GDM
....cacccggcugugugcGcaug......	3	1	GDM
....cacccggcuAugugcacaug......	1	1	GDM
....cacccAgcugugugcacaug......	2	1	GDM
....cacccggcugugugcacauA......	24	1	GDM
....cacccggcCgugugcacaug......	2	1	GDM
....cacAcggcugugugcacaugu.....	1	1	GDM
....cacccggcugCgugcacaugu.....	6	1	GDM
....cacccggcugugugcacauUu.....	2	1	GDM
....cacccggcugugugcacaugG.....	1	1	GDM
....cacccggcugugugcUcaugu.....	3	1	GDM
....cacccggcuguguAcacaugu.....	1	1	GDM
....cacccggcuAugugcacaugu.....	2	1	GDM
....cUccggcugugugcacaugu.....	1	1	GDM
....cacccggcugugCgcacaugu.....	3	1	GDM
uguggacaugugcccagggcccgggacagcgccacggaagaggacgcacccggcugugugGacaugu....ca	7	1	GDM
....cacccggcugCgugcacaugu.....	6	1	GDM

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uguggacaugugcccagggcccgggacagcgccacggaagaggacg**caucccggcugugugcacaugugc**cca

Sequence	Count	Mismatch	Group
....caccccggcugugugUacaugu.....	4	1	GDM
....caccccggcuguAugcacaugu.....	1	1	GDM
....caccccggcugugugcaUaugu.....	2	1	GDM
....caccccggcugAgugcacaugu.....	1	1	GDM
....cGcccggcugugugcacaugu.....	3	1	GDM
....caccccggcugugugcacaugu.....	643	0	GDM
....caccccggcCgugugcacaugu.....	2	1	GDM
....caccccAgcugugugcacaugu.....	1	1	GDM
....caccccggcugugugcaUaugu.....	2	1	GDM
....caccccggcugugugcacaugA.....	28	1	GDM
....caccccggcugugugcacaAgu.....	1	1	GDM
....caccccggcugugugcGcaugu.....	5	1	GDM
....caccccggcugugugUacaugu.....	4	1	GDM
....caccccggcugugugcacaugC.....	51	1	GDM
....caccccggcugugugcUcaugu.....	3	1	GDM
....caccccggcugugugcacaugC.....	51	1	GDM
....caccccggcugugCcacaugu.....	1	1	GDM
....caccccggcugugugcacaCgu.....	5	1	GDM
....Aacccggcugugugcacaugu.....	1	1	GDM
....caccccggcugugugcacaugA.....	28	1	GDM
....cGcccggcugugugcacaugu.....	3	1	GDM
....caccccggcugCgugcacaugu.....	6	1	GDM
....caccccggcugugugcacaugC.....	51	1	GDM
....caccccggcugugugcacGugu.....	1	1	GDM
....caccccggcugugugcacauAu.....	1	1	GDM
....caccccggcugugugcacaugu.....	643	0	GDM
....caccccggcugugugcacaugu.....	643	0	GDM
....caUccggcugugugcacaugu.....	1	1	GDM
....cacUcggcugugugcacaugu.....	1	1	GDM
....caccccggcugugugcCaugu.....	1	1	GDM
....caccccggcugGgugcacaugug....	2	1	GDM
....caccccggcugCgugcacaugug....	10	1	GDM
....caccccggcugugugcacaCgug....	9	1	GDM
....caccccggcCgugugcacaugug....	5	1	GDM
....cGcccggcugugugcacaugug....	9	1	GDM
....Uacccggcugugugcacaugug....	7	1	GDM
....cGcccggcugugugcacaugug....	9	1	GDM
....caUccggcugugugcacaugug....	5	1	GDM
....caccUggcugugugcacaugug....	2	1	GDM
....caccccggcugugUacacaugug....	5	1	GDM
....caccccAgcugugugcacaugug....	4	1	GDM
....cacAcggcugugugcacaugug....	3	1	GDM
....caccccggcugugugcacaAgug....	1	1	GDM
....caccccggcugugugcacGgug....	6	1	GDM
....caccccggcugugugcacaugCg....	5	1	GDM
....caccccggcugugugcacaugug....	1826	0	GDM
....caccccggcugugugcGcaugug....	17	1	GDM
....caccccggcugugugcGcaugug....	17	1	GDM
....caccccgAcugugugcacaugug....	2	1	GDM
....caccccggcuCgugcacaugug....	1	1	GDM
....cacAcggcugugugcacaugug....	3	1	GDM
....Aacccggcugugugcacaugug....	2	1	GDM
....caccccggcAgugugcacaugug....	3	1	GDM
....cUccggcugugugcacaugug....	8	1	GDM
....caccccggcugugugcacauAug....	2	1	GDM
....caccccggUugugugcacaugug....	5	1	GDM
....caccccgUcugugugcacaugug....	1	1	GDM
....caccccggcuguUugcacaugug....	1	1	GDM
....caccccggcugugugcGcaugug....	17	1	GDM
....caccccggcugugAgcacaugug....	3	1	GDM
....caccccggcugugugcacauguA....	113	1	GDM
....caccccggcugugugGacaugug....	45	1	GDM
....caccUgcugugugcacaugug....	3	1	GDM
....caccccggcugugugcacaugAg....	2	1	GDM
....caccccggcugugugcacaugGg....	71	1	GDM
....caccccggUugugugcacaugug....	5	1	GDM
....caccccggcugCgugcacaugug....	10	1	GDM
....caccccggcugugUacacaugug....	5	1	GDM
..........caccccggcugugugAacaugug....	1	1	GDM
....caccccggcugugugUacaugug....	7	1	GDM

uguggacaugugcccagggcccgggacagcgccacggaagaggacgcaccccggcugugugcacaugugccca

```
..............................................cacccCgcugugugcacaugug....        1      1    GDM
..............................................cacccggcugugugcacauguA....      113      1    GDM
..............................................Uacccggcugugugcacaugug....        7      1    GDM
..............................................cacccUgcugugugcacaugug....        3      1    GDM
..............................................cacccggcugugugcacauguC....        4      1    GDM
..............................................cacccggcugugtuAcacaugug....        5      1    GDM
..............................................cacccggUugugugcacaugug....        5      1    GDM
..............................................cacccggcugugugcacaugCg....        5      1    GDM
..............................................cacccggcugugugUacaugug....        7      1    GDM
..............................................cacccggcugugugcaAaugug....        1      1    GDM
..............................................cacccggcugugugcacaCgug....        9      1    GDM
..............................................cacccggcCgugugcacaugug....        5      1    GDM
..............................................cacccggcugAgugcacaugug....        4      1    GDM
..............................................cacccggcugugCgcacaugug....        7      1    GDM
..............................................cacccggcugAgugcacaugug....        4      1    GDM
..............................................cacccAgcugugugcacaugug....        4      1    GDM
..............................................cacccggcugugugcacaugug....     1826      0    GDM
..............................................cacccggcAgugugcacaugug....        3      1    GDM
..............................................cacccggcugugugcacGugug....        6      1    GDM
..............................................cacccggcuAugugcacaugug....        2      1    GDM
..............................................cacccggcugugtUcacaugug....        1      1    GDM
..............................................caccUggcugugugcacaugug....        2      1    GDM
..............................................cacccggcugugugGacaugug....       45      1    GDM
..............................................cacccggcugugugcacauguU....        7      1    GDM
..............................................cacccggcuguAugcacaugug....        1      1    GDM
..............................................cacccggcugugugcCcaugug....        1      1    GDM
..............................................cacccggcugugugcacGugug....        6      1    GDM
..............................................cacccggcuAugugcacaugug....        2      1    GDM
..............................................caUccggcugugugcacaugug....        5      1    GDM
..............................................cacccggcugugugcacauguC....        4      1    GDM
..............................................cacccggcugugugGacaugug....       45      1    GDM
.............................................Uacccggcugugugcacaugug....        7      1    GDM
..............................................cacccggcugugugcacauguA....      113      1    GDM
..............................................cacccggcugugCgcacaugug....        7      1    GDM
..............................................cacccggcugugugcacaugug....     1826      0    GDM
.............................................caAccggcugugugcacaugug....        1      1    GDM
..............................................cacccggcugugugcacaugGg....       71      1    GDM
..............................................cacccggcGgugugcacaugug....        1      1    GDM
..............................................cacccggcugugugcacaCgug....        9      1    GDM
.............................................Aacccggcugugugcacaugug....        2      1    GDM
..............................................cacccggcugugugcacaugCg....        5      1    GDM
.............................................cacUcggcugugugcacaugug....        3      1    GDM
..............................................cacccggcugugugcacaugAg....        2      1    GDM
..............................................cacccggcugugugcUcaugug....        1      1    GDM
..............................................cacccggcugugugcacUugug....        1      1    GDM
..............................................cacccggcugugugcacauguU....        7      1    GDM
.............................................cCccccggcugugugcacaugug....        1      1    GDM
..............................................cacccggcugugugcacauAug....        2      1    GDM
..............................................cacccggcugugugcacaugGg....       71      1    GDM
..............................................cacccggcugCgugcacaugug....       10      1    GDM
.............................................cacGcggcugugugcacaugugc...        3      1    GDM
.............................................cacccggcuAugugcacaugugc...        2      1    GDM
.............................................cacccAgcugugugcacaugugc...        2      1    GDM
.............................................Gacccggcugugugcacaugugc...        1      1    GDM
.............................................cacccggUugugugcacaugugc...        2      1    GDM
.............................................cacccggcCgugugcacaugugc...       11      1    GDM
.............................................cacccggcugugugcacCugugc...        1      1    GDM
.............................................cacccggcugugugcacaugugU...      842      1    GDM
.............................................cacccUgcugugugcacaugugc...        1      1    GDM
.............................................cacccggcugugugUacaugugc...        4      1    GDM
.............................................cacAcggcugugugcacaugugc...        3      1    GDM
.............................................cacccggcugugugcacaugGgc...        1      1    GDM
.............................................cacccggcugugugcacaugugc...     1538      0    GDM
.............................................cacccggcugCgugcacaugugc...        4      1    GDM
.............................................caccGggcugugugcacaugugc...        2      1    GDM
.............................................Uacccggcugugugcacaugugc...        6      1    GDM
.............................................cGcccggcugugugcacaugugc...        9      1    GDM
.............................................cacccggcugugugcaUaugugc...        4      1    GDM
uguggacaugugcccagggcccgggacagcgccacgga.......cacccggcugugugcacaugugA...      407      1    GDM
.............................................cacccggcugugugcacaugugA...      407      1    GDM
```

uguggacaugugcccagggcccgggacagcgccacggaagaggacgcacccggcugugugcacaugugccca

Sequence			
....cacccggcugugugcacaCgugc...	5	1	GDM
....cacccggcugugugcGcaugugc...	5	1	GDM
....cacccggcugugugcacaugugc...	1538	0	GDM
....caUccggcugugugcacaugugc...	3	1	GDM
....cacccggcCgugugcacaugugc...	11	1	GDM
....cacccCgcugugugcacaugugc...	1	1	GDM
....cacccggcugugCgcacaugugc...	10	1	GDM
....caccGggcugugugcacaugugc...	2	1	GDM
....cacccggcuguAugcacaugugc...	3	1	GDM
....cacccggcugugugcaUaugugc...	4	1	GDM
....cacccggcugugugUacaugugc...	4	1	GDM
....cacccggcuAugugcacaugugc...	2	1	GDM
....cacUcggcugugugcacaugugc...	1	1	GDM
....cacccggcugugugcacaugugA...	407	1	GDM
....cGcccggcugugugcacaugugc...	9	1	GDM
....cacccggcugugugcUcaugugc...	1	1	GDM
....cacccggcugugugcacaugugU...	842	1	GDM
....Aacccggcugugugcacaugugc...	4	1	GDM
....cacccggcugugugcacaugugc...	1538	0	GDM
....cacccggcugugugcGcaugugc...	5	1	GDM
....Aacccggcugugugcacaugugc...	4	1	GDM
....caUccggcugugugcacaugugc...	3	1	GDM
....cGcccggcugugugcacaugugc...	9	1	GDM
....cacccggcugugugcacGugugc...	11	1	GDM
....cacccggcugugugcacaugCgc...	6	1	GDM
....cacccggcugugugcacaCgugc...	5	1	GDM
....cacccggcugugugcGcaugugc...	5	1	GDM
....cacccggcugugugcacaugugU...	842	1	GDM
....cacccggcugugugcacauUugc...	1	1	GDM
....cacccggcugugGacaugugc...	28	1	GDM
....cacAcggcugugugcacaugugc...	3	1	GDM
....cacccggcugugCgcacaugugc...	10	1	GDM
....cacGcggcugugugcacaugugc...	3	1	GDM
....cacccAgcugugugcacaugugc...	2	1	GDM
....cacccggcuguAugcacaugugc...	3	1	GDM
....cacccggcugugugcacaugugG...	11	1	GDM
....cacccggcugugCgcacaugugc...	10	1	GDM
....cacccggcugugugcacaugCgc...	6	1	GDM
....cacccggcugugugcacauguAc...	3	1	GDM
....cacccggcugugugcacGugugc...	11	1	GDM
....cUcccggcugugugcacaugugc...	2	1	GDM
....cacccggcugugGacaugugc...	28	1	GDM
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....cacccggcugugGacaugugc...	28	1	GDM
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....Uacccggcugugugcacaugugc...	6	1	GDM
....cacccggcugugGgcacaugugc...	1	1	GDM
....cacccggcugugugcacUugugc...	3	1	GDM
....cacccggcugugugcacaugugG...	11	1	GDM
....cacccggcugugugcacaugugcc..	6	0	GDM
....cacccggcugugugcacaugugcG..	1	1	GDM
....cacccggcugugugcacaugugcU..	101	1	GDM
....cacccggcugugugcacaugugUc..	2	1	GDM
....cacccggcugugugcacaugugUc..	2	1	GDM
....cacccggcugugugcacaugugcA..	9	1	GDM
....cacccggcugugugcacaugugAc..	1	1	GDM
....cacccggcugugugcacaugugcc..	6	0	GDM
....cacccggcugugugcacaugugcA..	9	1	GDM
....cacccggcugugugcacaugugcU..	101	1	GDM
....cacccggcugugugcacaugugcU..	101	1	GDM
....acccggcugugugcacaug......	1	0	GDM
....acccggcugugugcacaugu.....	1	0	GDM
....acccggcugugugGacaugug....	2	1	GDM
....acccggcugugugcacaugug....	3	0	GDM
....acccggcugugugcacaugugU...	3	1	GDM
....acccggcugugugcacaugugc...	9	0	GDM
uguggacaugugcccagggcccgggacagcgccacggaagaggacgacccggcugugugcacaugugc...	9	0	GDM
....acccggcuguguAcacaugugc...	1	1	GDM

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uguggacaugugcccagggcccgggacagcgccacggaagaggacgcacccggcugugugcacaugugccca
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Sequence	Count	Mut	Group
....acccggcugugugcacaugugc...	9	0	GDM
....acccggcugugugcacaugugU...	3	1	GDM
....acccggcugugugcacaugugU...	3	1	GDM
....ccggcugugugcacaugugc...	3	0	GDM
....cacccggcugugugcaca........	1	0	Z3_
....caUccggcugugugcacau.......	1	1	Z3_
....cacccggcugugugcacaC.......	1	1	Z3_
....Uacccggcugugugcacau.......	1	1	Z3_
....cacccggcugugugcacau.......	1	0	Z3_
....cacccggcugugugcacaug......	67	0	Z3_
....cacccggcugugGgcacaug......	1	1	Z3_
....cGccggcugugugcacaug......	2	1	Z3_
....cacccggcugugCgcacaug......	1	1	Z3_
....cacccggcugCgugcacaug......	1	1	Z3_
....cacccggcugugugcacauA......	4	1	Z3_
....cacccggcugugugcacaugG.....	2	1	Z3_
....cGccggcugugugcacaugu.....	1	1	Z3_
....cacccggcAgugugcacaugu.....	1	1	Z3_
....cacccggcugugugcGcaugu.....	1	1	Z3_
....cacccggcugugugcacaugA.....	1	1	Z3_
....cacccggcugugugcacaugC.....	10	1	Z3_
....cacccggcugugugcacaugu.....	106	0	Z3_
....cacccggcuAugugcacaugu.....	2	1	Z3_
....cacccggcugugugGcaugu.....	5	1	Z3_
....cUccggcugugugcacaugu.....	1	1	Z3_
....cacccggcugugugGcacaugug....	20	1	Z3_
....cacccggcugugugcacUugug....	1	1	Z3_
....Aacccggcugugugcacaugug....	1	1	Z3_
....cacccggcuguguUcacaugug....	1	1	Z3_
....cacccggcugugCgcacaugug....	2	1	Z3_
....cacccggcugugugcacaAgug....	2	1	Z3_
....cGccccggcugugugcacaugug....	1	1	Z3_
....Uacccggcugugugcacaugug....	1	1	Z3_
....cacccggcugugugcacauguC....	1	1	Z3_
....cacccggcugugugcacaugCg....	3	1	Z3_
....cacccggcugugugcacaCgug....	1	1	Z3_
....cacccggcugugugcacauguU....	3	1	Z3_
....cacccggcugugugcacaugug....	402	0	Z3_
....cacccggcugugugcUcaugug....	1	1	Z3_
....cacccggcugugAgcacaugug....	1	1	Z3_
....cacccggcugugugcacauAug....	1	1	Z3_
....cacccggcugugugcGcaugug....	3	1	Z3_
....cacccggcugugugcacauguA....	23	1	Z3_
....cacccggcugugugcacGugug....	1	1	Z3_
....cacccggcugCgugcacaugug....	2	1	Z3_
....cacccggcCgugugcacaugug....	1	1	Z3_
....cacccAgcugugugcacaugug....	1	1	Z3_
....cacccggUuguguugcacaugug....	2	1	Z3_
....cacccggcugugugcacUugugc...	2	1	Z3_
....cacUcggcugugugcacaugugc...	1	1	Z3_
....cacccggcugugCgcacaugugc...	8	1	Z3_
....cacccggcuAugugcacaugugc...	3	1	Z3_
....cacccgCcugugugcacaugugc...	1	1	Z3_
....cUccggcugugugcacaugugc...	3	1	Z3_
....cGccggcugugugcacaugugc...	1	1	Z3_
....Gacccggcugugugcacaugugc...	1	1	Z3_
....cacccggcugugugcacaugugG...	3	1	Z3_
....cacccggcugugugcacauAugc...	1	1	Z3_
....cacccggcugugugcacaugugA...	106	1	Z3_
....cacccggcugugugcacaugugU...	245	1	Z3_
....cacccggcAgugugcacaugugc...	2	1	Z3_
....cacccggcugugugcacaugugc...	477	0	Z3_
....caccUggcugugugcacaugugc...	1	1	Z3_
....cacccggcugugugcGcaugugc...	2	1	Z3_
....Uacccggcugugugcacaugugc...	4	1	Z3_
....cacccggcugCgugcacaugugc...	7	1	Z3_
....cacccggcugugugcacaugAgc...	1	1	Z3_
....cacccggcugugugcacaCgugc...	1	1	Z3_
....cacccggcCgugugcacaugugc...	5	1	Z3_

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uguggacaugugcccagggcccgggacagcgccacggaagaggacgcacccggcugugugcacaugugccca
...........................................cacccggcuguAugcacaugugc...    1     1     Z3_
...........................................cacccggcugugugcacGugugc...    3     1     Z3_
...........................................Aacccggcugugugcacaugugc...    2     1     Z3_
...........................................cacccggcugugugcacauguAc...    2     1     Z3_
...........................................cacccggcugugugcaUaugugc...    1     1     Z3_
...........................................cacccggcugugugGacaugugc...    7     1     Z3_
...........................................caUccggcugugugcacaugugc...    1     1     Z3_
...........................................cacccggcugugugUacaugugc...    1     1     Z3_
...........................................cacccggcugugugcUcaugugc...    1     1     Z3_
...........................................cacccggcugugugGacaugugcc..    2     1     Z3_
...........................................cacccggcugugugcacaugugcc..    7     0     Z3_
...........................................cacccggcugugugcacaugugcA..    2     1     Z3_
...........................................cacccggcugugugcacaugugcU..    28    1     Z3_
...........................................cacccggcugugugcacaugugcAc.    2     1     Z3_
...........................................acccggcugugugcacaugug....    1     0     Z3_
...........................................acccggcCgugugcacaugugc...    1     1     Z3_
...........................................Ccccggcugugugcacaugugc...    1     1     Z3_
...........................................acccggcugugugcacaugugc...    2     0     Z3_
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